Table 2. Community of *Placynthiella-Cladonia* sp. div.

| Relévе number | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | Constancy class | Coverage coefficient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: year, month, day | | 20040622 | 20040703 | 20040630 | 20050820 | 20050821 | 20050821 | 20040622 | 20040701 | 20040712 | 20040704 | 20040704 | 20040701 | 20040712 | 20040630 | 20050820 | 20050617 | 20040703 | 20040709 | 20040709 | 20040806 | 20040728 | 20040731 | 20040808 | 20040827 | 20040827 | 20040730 | 20040731 | 20040808 | 20040729 | 20040808 | 20040810 | 20040810 | 20040806 | 20040728 | 20040730 | 20040729 | 20040823 | 20040823 | 20040808 | 20040806 | 20040806 | 20050701 | 20050718 | | |
| Forest section and subsection | | 11g9So9 | 77a5So6 | 65j7So9 | 159b7So6 | 172c6So8 | 172c6So8 | 11g9So9 | 65m8So9 | 131i8So4 | 161i7So5 | 161i7So5 | 65m8So9 | 131i8So4 | 65j7So9 | 159b7So6 | 226d8So4 | 77a5So6 | 14d6o4 | 14d5o4 | 204c9So7 | 187b5So6 | 185g7So8 | 142a8So3 | 91h7So6 | 91h7So6 | 181gSo7 | 185g7So8 | 142a8So3 | 174d7So3 | 143b9So6 | 116b8So4 | 116b8So4 | 204c9So7 | 187bSo6 | 181gSo7 | 174d7So3 | 116g9So5 | 116g9So5 | 143b9So6 | 203b6So6 | 203b6So6 | 215a8So4 | 37g8So6 | | |
| Forest site | | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bs/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/Bśw | Bśw/BMśw | BMśw/BMśw | | |
| Layer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stand age class | | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | Ia | | |
| Aspect | | | | | | | | | | | | | | | | | | | | | | | | | E | NW | | | | | | | | | | | | | | | | | | |
| Slope | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | | | | | | | | | | | | | | | | | | |
| Coverage of ajl layer [%] | | 75 | 70 | 70 | 40 | 50 | 50 | 90 | 60 | 50 | 40 | 30 | 50 | 40 | 80 | 60 | 40 | 50 | 25 | 20 | 90 | 60 | 70 | 30 | 50 | 60 | 60 | 50 | 40 | 50 | 60 | 50 | 40 | 80 | 70 | 60 | 50 | 50 | 50 | 60 | 80 | 70 | 35 | 80 | | |
| Height of ajl layer [m] | | 2 | 1.3 | 4.5 | 1.5 | 1.5 | 1.5 | 2 | 2 | 1 | 1 | 1 | 2.5 | 1 | 4.5 | 2 | 1.2 | 1.5 | 0.7 | 0.8 | 2.5 | 1 | 2 | 0.8 | 1.5 | 1.5 | 2 | 2 | 0.8 | 1 | 1.5 | 1 | 1 | 2.5 | 1 | 1.5 | 1 | 1.5 | 1.5 | 1.5 | 2 | 2 | 1.5 | 2 | | |
| Coverage of c layer [%] | | 40 | 50 | 35 | 40 | 40 | 40 | 30 | 20 | 30 | 10 | 25 | 10 | 20 | 10 | 20 | 50 | 50 | 10 | 10 | 30 | 20 | 30 | 30 | 30 | 30 | 20 | 30 | 25 | 10 | 20 | 10 | 20 | 25 | 5 | 20 | 1 | 30 | 20 | 5 | 30 | 30 | 30 | 35 | | |
| Coverage of d layer [%] | | 50 | 50 | 50 | 40 | 25 | 30 | 50 | 50 | 50 | 60 | 60 | 10 | 40 | 10 | 40 | 40 | 30 | 5 | 5 | 50 | 60 | 60 | 60 | 60 | 40 | 50 | 50 | 40 | 40 | 50 | 60 | 50 | 40 | 50 | 60 | 40 | 60 | 60 | 50 | 60 | 60 | 50 | 30 | | |
| Number of species | | 20 | 24 | 25 | 30 | 19 | 18 | 23 | 32 | 23 | 27 | 29 | 22 | 22 | 23 | 26 | 23 | 22 | 17 | 19 | 24 | 24 | 25 | 22 | 23 | 27 | 33 | 25 | 19 | 19 | 23 | 26 | 24 | 25 | 15 | 28 | 21 | 26 | 26 | 22 | 25 | 23 | 26 | 24 | | |
| *H'* | | 1.8 | 1.6 | 1.6 | 2.0 | 1.7 | 1.6 | 1.7 | 1.8 | 2.1 | 1.7 | 2.4 | 1.7 | 1.9 | 0.8 | 1.8 | 1.9 | 1.8 | 1.3 | 1.5 | 1.6 | 1.6 | 1.7 | 2.0 | 1.9 | 2.1 | 1.7 | 2.1 | 2.1 | 1.6 | 1.7 | 1.9 | 2.0 | 1.4 | 1.2 | 1.7 | 1.7 | 2.0 | 2.1 | 1.4 | 1.9 | 1.8 | 2.1 | 1.7 | | |
| *J'* | | 0.6 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.7 | 0.5 | 0.7 | 0.6 | 0.6 | 0.3 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.7 | 0.6 | 0.6 | 0.5 | 0.6 | 0.7 | 0.5 | 0.6 | 0.6 | 0.6 | 0.4 | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 0.4 | 0.6 | 0.6 | 0.6 | 0.5 | | |
| **Trees and shrubs** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Pinus sylvestris* | ajl | 4 | 4 | 4 | 3 | 3 | 3 | 5 | 4 | 3 | 3 | 2 | 3 | 3 | 5 | 4 | 3 | 3 | 2 | 2 | 5 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 5 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 5 | V | 5006 |
| *Betula pendula* | ajl | . | . | + | + | + | + | . | . | + | + | + | . | + | . | + | + | + | . | + | + | . | + | . | 2 | 2 | . | 1 | . | . | . | + | . | . | . | . | . | . | . | + | . | 1 | 1 | . | + | III | 136 |
| *Alnus incana* | ajl | . | . | . | . | + | + | . | . | . | + | + | 1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | r | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | I | 17 |
| *Quercus petraea* | ajl | . | . | . | + | . | . | . | . | . | + | 1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | + | . | I | 15 |
| *Larix decidua* | ajl | . | . | . | . | . | . | . | . | . | r | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | r | . | . | . | . | . | . | + | . | . | . | . | . | . | . | + | . | . | I | 3 |
| *Pinus sylvestris* | c | . | + | . | + | . | . | + | + | + | + | . | + | . | + | + | . | 1 | 1 | + | . | + | . | + | . | . | + | + | + | + | + | . | + | . | + | . | + | + | + | + | + | + | + | . | IV | 53 |
| *Betula pendula* | c | + | . | . | + | . | . | + | . | . | . | . | . | + | + | + | + | . | + | + | . | + | . | . | + | + | + | . | + | + | + | + | + | . | + | + | + | + | + | + | . | + | + | . | IV | 30 |
| *Quercus robur* | c | . | . | . | + | . | . | . | . | . | . | + | . | + | + | . | . | . | . | . | . | . | . | . | + | + | . | . | . | . | . | . | r | . | . | . | . | + | + | . | . | . | + | . | II | 11 |
| *Padus serotina* | c | r | . | . | . | . | . | + | + | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | r | . | . | . | r | . | . | . | . | . | . | . | . | . | . | . | . | . | I | 3 |
| Sporadic species: ajl – *Fagus sylvatica* 20(+), 43(+), *Picea abies* 9(+), *Quercus robur* 4(+), 11(1), *Q. rubra* 1(r), 11(+); c – *Alnus incana 12(+)*, *Fagus sylvatica* 7(+), 26(+), *Frangula alnus* 1(+), 35(+), *Picea abies* 9(+), 25 (r), *Quercus petraea* 39(+), 42(+), 43(+), *Q. rubra* 1(+), 14(+), 24(r), 20(+), *Sorbus aucuparia* 1(r), 43(+) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Ch. *Pohlio-Callunion*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Pohlia nutans* | d | 3 | + | + | 1 | + | + | 2 | 2 | 2 | 1 | 1 | 1 | 1 | + | 1 | 1 | 1 | + | + | 3 | 2 | 3 | 2 | . | 1 | 3 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | + | + | V | 1208 |
| *Placynthiella oligotropha* | d | 2 | 3 | 3 | 2 | . | 1 | 2 | 2 | 2 | 3 | 2 | 1 | 2 | + | 2 | + | 2 | . | + | 1 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 2 | + | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | V | 1528 |
| *Cladonia pyxidata* | d | . | + | + | . | . | . | . | + | . | + | . | . | . | + | + | . | + | . | . | + | . | + | . | + | + | + | + | . | + | . | + | . | + | . | + | + | + | . | r | . | . | + | . | III | 21 |
| *Cladonia chlorophaea* | d | . | . | . | + | + | . | + | . | . | . | + | . | . | . | + | . | . | . | . | + | + | + | . | + | . | . | . | . | . | . | . | + | . | . | . | . | . | . | . | + | . | + | . | II | 14 |
| *Cladonia deformis* | d | . | . | + | . | . | . | . | + | . | . | . | . | . | + | . | . | . | . | . | . | + | + | . | . | . | + | . | . | . | . | . | . | . | . | + | . | . | . | . | . | . | . | . | I | 8 |
| *Agrostis capillaris* | c | . | . | . | + | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | + | . | + | + | . | . | . | . | . | + | . | . | . | . | . | . | . | . | . | . | . | I | 6 |
| **Ch. *Nardo-Callunetea* et *Calluno-Ulicetalia*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Calluna vulgaris* | c | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | + | + | + | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | + | + | + | + | + | + | + | + | + | + | + | 2 | V | 1058 |
| *Hypnum jutlandicum* | d | + | + | + | + | . | . | + | + | + | + | + | + | + | + | + | + | + | + | + | . | . | . | + | . | + | + | + | + | + | + | + | + | + | + | . | + | + | + | + | + | + | + | V | 42 |
| *Ptilidium ciliare* | d | . | + | + | . | . | . | + | + | . | + | + | . | . | + | + | . | + | . | . | + | . | + | . | + | + | + | . | . | . | . | . | . | + | . | . | . | + | . | . | + | + | . | IV | 21 |
| *Carex pilulifera* | c | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | + | . | . | . | . | . | + | . | . | + | . | + | . | . | . | + | . | . | . | . | IV | 6 |
| **Accompanying species** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Ch. *Koelerio glaucae-Corynephoretea canescentis*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Polytrichum piliferum* | d | 1 | + | + | 1 | 2 | 2 | + | + | + | 1 | + | + | . | + | 2 | 1 | + | + | + | . | + | + | + | 1 | + | + | + | + | + | + | + | . | + | + | + | + | + | + | . | + | 1 | V | 227 |
| *Cladonia macilenta* | d | . | + | 1 | + | + | + | + | + | + | . | + | + | + | + | + | . | . | . | + | + | + | + | . | + | + | + | + | . | + | . | + | + | + | + | + | + | + | + | . | + | + | IV | 50 |
| *Ceratodon purpuraeus* | d | + | . | + | + | 1 | 1 | + | . | + | + | . | + | . | . | + | + | . | . | . | + | + | + | 1 | 1 | + | + | + | . | . | + | + | + | . | + | + | + | + | + | + | + | + | + | + | IV | 79 |
| *Cephaloziella divaricata* | d | . | + | + | . | + | + | . | + | . | . | + | + | . | + | + | . | + | . | + | . | + | . | . | . | . | . | + | . | . | . | . | . | + | . | . | . | + | . | + | + | . | . | II | 20 |
| *Spergula morisonii* | c | + | + | + | . | . | . | + | + | . | . | . | + | + | . | . | . | . | + | + | . | . | . | . | . | . | + | . | . | . | . | . | + | . | . | + | + | . | . | . | . | . | . | . | II | 15 |
| *Corynephorus canescens* | c | + | . | . | . | + | + | . | . | . | . | . | . | . | . | . | . | . | + | + | . | . | . | + | . | . | + | . | . | + | . | . | . | . | . | + | + | + | . | . | . | . | . | . | II | 13 |
| *Rumex acetosella* | c | . | . | . | . | + | + | + | + | . | . | . | . | . | . | . | + | . | . | + | . | . | . | + | r | . | + | . | . | . | + | . | . | . | . | + | . | . | . | . | . | . | . | . | II | 12 |
| *Cladonia subulata* | d | . | . | . | + | + | + | + | . | + | . | . | . | . | + | . | . | . | . | + | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | + | . | . | . | . | . | . | . | II | 10 |
| Sporadic species: *Cladonia coccifera* 5(+), 6(+), *C. uncialis* 10(+) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Ch. et D*. *Vaccinio-Piceetea*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Dicranum scoparium* | d | . | + | + | 1 | . | . | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | . | + | + | + | 1 | + | . | + | 1 | + | + | + | + | 1 | 1 | + | 1 | + | 1 | + | V | 117 |
| *Vaccinium vitis-idaea* | c | + | 2 | + | + | . | . | 1 | + | 1 | + | 1 | + | 1 | + | 2 | 2 | 3 | + | + | 2 | . | . | 1 | 1 | 2 | . | . | + | . | 1 | 1 | 2 | 2 | . | . | . | 2 | 2 | + | 2 | 2 | 2 | 1 | IV | 693 |
| *Pleurozium schreberi* | d | . | + | + | + | . | . | . | + | + | + | + | . | + | . | + | + | 1 | . | . | 1 | + | + | + | + | + | + | + | 1 | . | + | + | 2 | 1 | . | + | . | + | 2 | + | 1 | 2 | 2 | 1 | IV | 258 |
| *Vaccinium myrtillus* | c | + | . | . | . | . | . | + | + | 1 | . | . | . | + | . | . | + | + | . | + | + | + | . | + | + | . | + | . | 2 | . | + | + | + | . | . | . | . | + | + | + | + | + | 1 | 1 | III | 99 |
| *Cladonia arbuscula* | d | . | + | + | + | . | . | . | + | . | + | . | + | . | + | . | . | . | . | + | + | + | + | . | . | + | + | + | . | + | . | + | + | . | + | . | . | . | . | . | . | . | . | . | III | 21 |
| *Cladonia gracilis* | d | . | + | + | + | + | . | . | + | + | + | . | + | . | + | . | . | . | + | . | . | . | + | . | . | + | + | + | . | . | . | + | . | + | . | + | + | . | . | . | . | . | . | . | III | 21 |
| *Dicranum polysetum* | d | . | . | . | + | . | . | + | . | . | . | + | . | + | . | + | . | . | . | . | + | + | . | + | . | + | . | . | . | . | + | . | . | + | . | + | . | + | + | . | + | + | + | . | II | 20 |
| *Leucobryum glaucum** | d | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | + | . | . | . | . | . | . | . | r | . | + | + | r | + | . | . | . | + | + | r | + | . | . | II | 9 |
| *Cladonia rangiferina* | d | . | . | . | + | . | . | . | + | . | . | . | . | . | . | . | . | . | . | . | . | + | + | . | . | . | + | + | . | . | . | + | . | . | . | + | . | . | . | . | . | . | . | . | I | 9 |
| *Cladonia furcata* | d | . | . | . | . | . | . | . | . | . | + | + | . | . | . | . | . | . | + | . | . | . | . | . | . | + | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | I | 5 |
| *Melampyrum pratense* | c | . | . | . | . | . | . | . | . | . | . | + | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | + | . | . | . | . | . | . | . | . | + | + | . | I | 5 |
| **Others** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Deschampsia flexuosa* | c | 2 | + | + | + | . | . | 1 | + | + | + | 2 | + | + | + | + | 3 | 1 | + | + | + | + | 1 | + | + | + | 1 | 2 | 1 | + | + | + | + | + | + | 2 | + | + | + | . | . | + | . | 1 | V | 351 |
| *Trapeliopsis granulosa* | d | + | + | + | 1 | 1 | + | . | + | + | + | + | + | + | . | + | + | + | . | . | + | + | + | + | + | . | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | 1 | + | + | V | 86 |
| *Polytrichum juniperinum* | d | . | + | . | + | + | . | 1 | . | + | + | + | + | + | + | + | + | + | + | . | . | + | + | + | 1 | . | + | + | + | + | + | 2 | + | + | + | . | + | . | + | + | + | + | + | + | 1 | IV | 110 |
| *Placynthiella uliginosa* | d | . | + | . | + | + | . | . | + | 1 | + | 2 | + | 1 | . | + | 2 | + | + | . | . | + | . | + | + | 1 | . | + | 1 | 2 | . | 1 | 1 | . | + | . | 2 | 2 | 1 | . | + | + | 1 | + | IV | 316 |
| *Calamagrostis epigeios* | c | + | + | + | + | + | + | . | + | . | . | . | + | + | . | . | + | . | . | + | + | + | + | + | + | . | . | + | 1 | + | . | + | + | + | + | + | + | + | . | + | . | + | + | + | IV | 44 |
| *Dicranum spurium* | d | . | + | . | + | . | . | . | + | + | + | + | + | + | + | + | . | . | . | + | + | . | + | + | . | . | + | + | + | . | + | + | + | + | . | + | . | . | + | + | + | + | + | IV | 31 |
| *Placynthiella icmalea* | d | . | + | + | . | . | + | . | + | 1 | . | . | + | + | + | + | + | + | + | . | + | + | . | . | + | + | . | . | . | + | . | + | . | + | . | . | + | . | + | + | + | . | . | . | III | 37 |
| *Campylopus introflexus* | d | . | . | . | + | . | + | . | . | + | . | . | . | . | . | + | + | + | . | . | + | . | + | . | + | . | . | 1 | . | . | + | . | . | . | . | . | + | . | . | + | + | + | . | + | II | 29 |
| *Placynthiella dasaea* | d | . | . | + | . | + | . | . | + | + | + | + | . | . | . | . | + | + | + | . | . | + | . | . | + | . | . | . | + | . | . | . | . | . | . | + | . | + | . | + | . | . | . | . | II | 17 |
| *Cetraria islandica* | d | . | . | + | . | . | . | . | + | . | . | . | . | . | + | + | . | + | . | . | . | . | + | . | . | . | . | . | . | . | . | + | . | . | . | . | . | + | . | . | . | . | . | . | I | 9 |
| *Dicranella heteromalla* | d | . | . | . | . | . | . | . | . | . | . | + | . | + | . | . | . | . | . | + | . | . | . | . | . | . | . | . | + | . | . | . | . | . | . | . | . | . | + | . | . | . | + | . | I | 7 |
| Sporadic species: *Carex praecox* 26(+), *Chamaenerion angustifolium* 4(+), 27(+), *Cirsium vulgare* 23(+), *Cladonia coniocraea* 17(+), *C. crispata* 35(+), *C. glauca* 2(+), 33(+), *C. ochrochlora* 11(+), 28(+), *C. portentosa* 26(+), *C. rei* 8(+), *Holcus mollis* 16(+), *Juncus effusus* 24(r), 25(+), 43(+), *Orthodicranum flagellare* 33(+), 41(+), *Peltigera didactyla* 4(+), 8(+), 26(+), *Polytrichastrum formosum* 16(+), 30(+), *Rorippa islandica* 1(r), *Rubus* sp. 38(+), *Senecio sylvaticus* 30(+), *Veronica officinalis* 16(r) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |